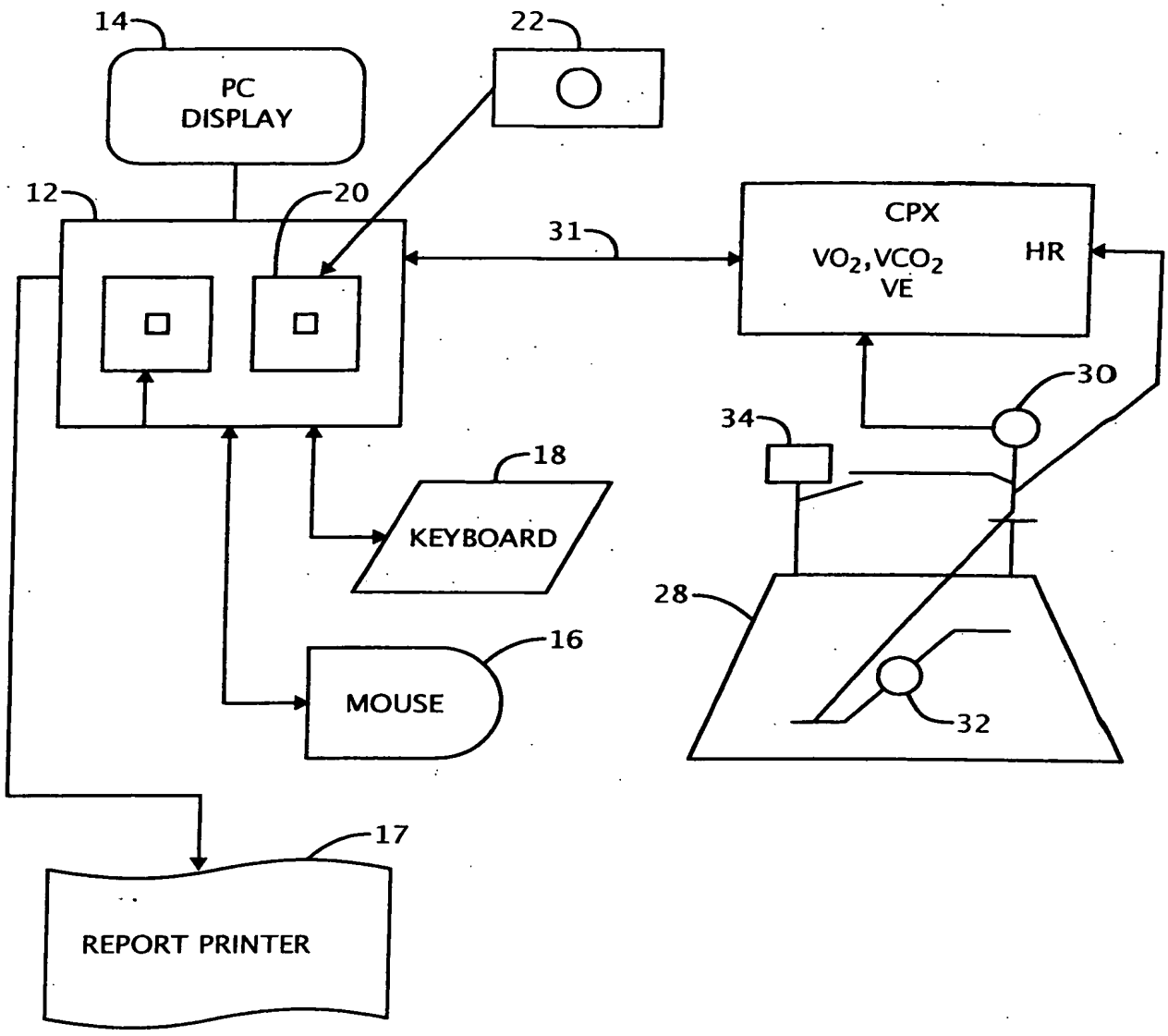
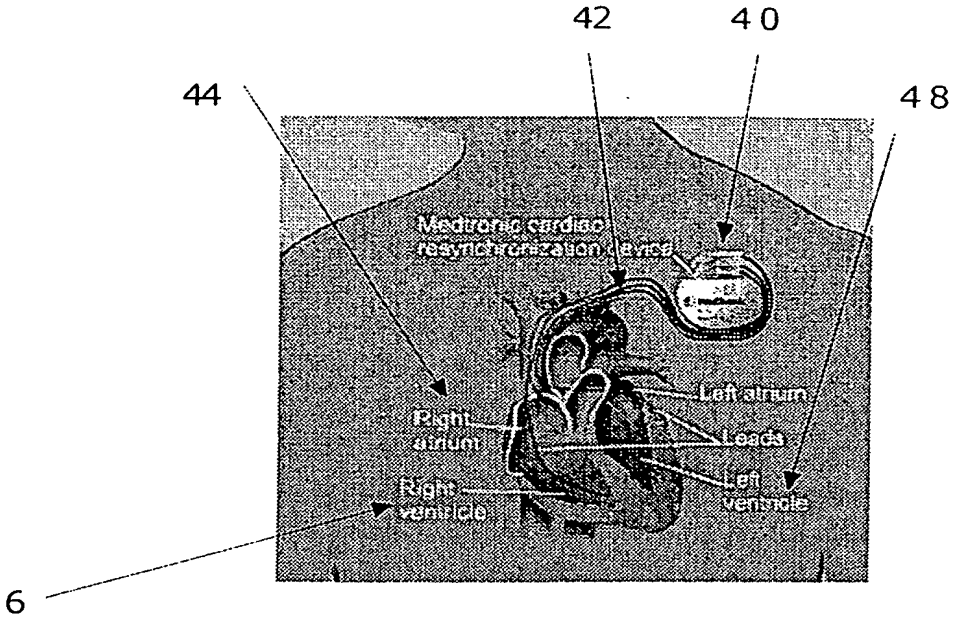

14
PC
DISPLAY
22
12
20
31
CPX
VO_2,VCO_2
VE
HR
30
34
18
KEYBOARD
28
16
MOUSE
32
17
REPORT PRINTER

FIG. 1



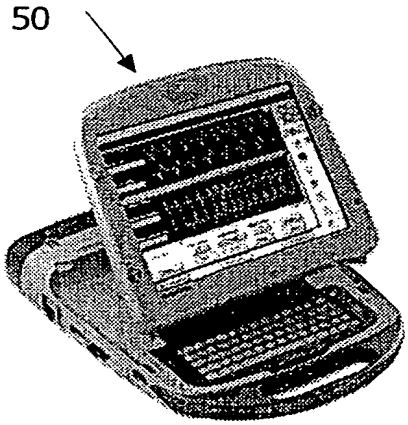


Figure 2

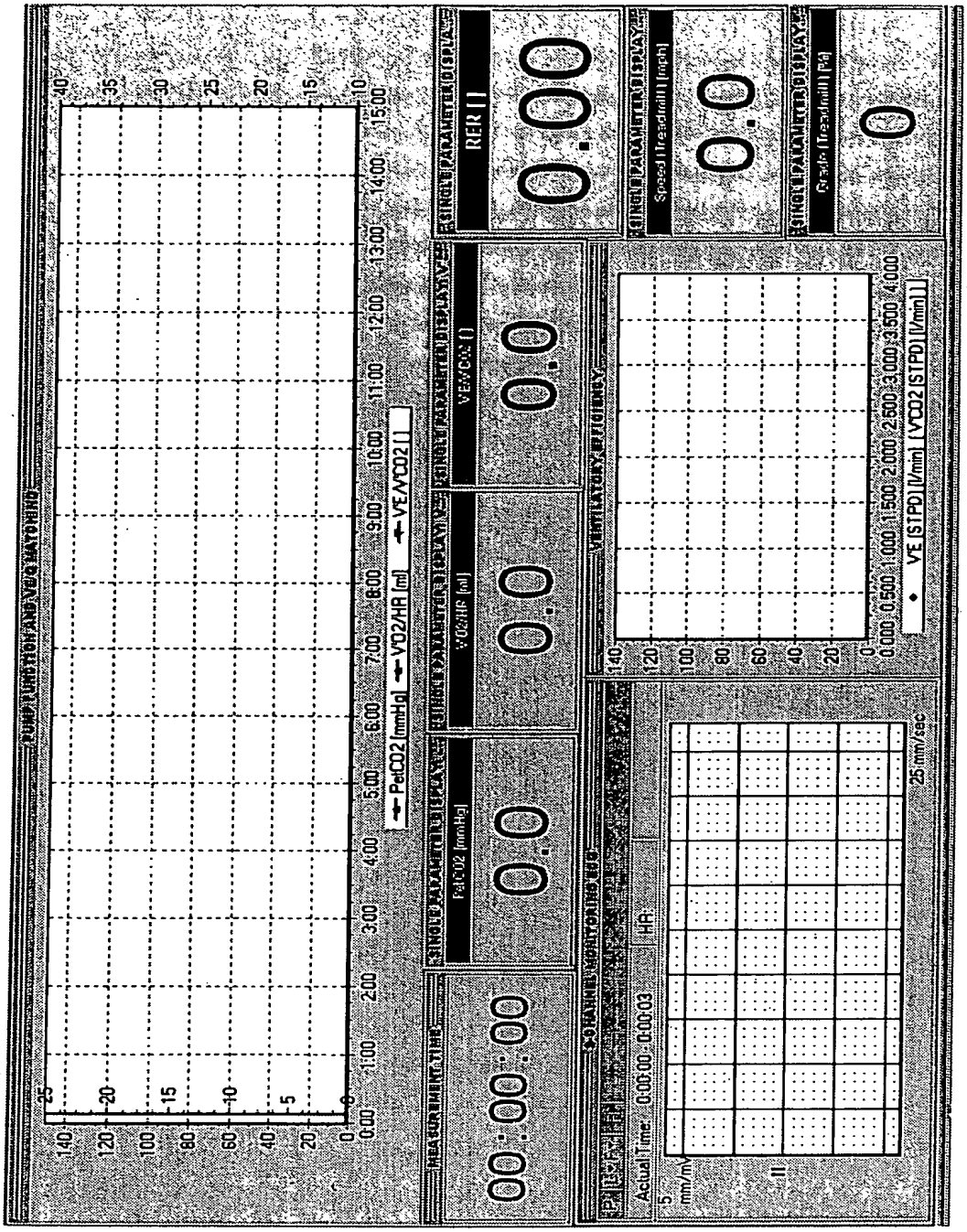


Figure 3

	A V (ms)	V V (ms)
Minimum	(60) 100	(66) 10
Average	(62) 140	(68) 20
Maximum	(64) 180	(70) 30

Figure 4

Elapsed Time	System Operator Tasks	Data Processing Tasks
0	Connect Patient to CPX	
1	Start Treadmill Prestart Measurement Set AV min Start Measurement	Display Variables
3	Observe Variables Set AV ave	Display Variables Store Variables to AV min
5	Observe Variables Set AV max	Display Variables Store Variables to AV ave
7	Observe Variables	Display Variables Store Variables to AV max
8	Select and Set AV opt Rest Patient (Opt.) Set VV min	Calculate Decision Matrix Print Selection Report
10	Observe Variables Set VV ave	Display Variables Store Variables to VV min
12	Observe Variables Set VV max	Display Variables Store Variables to VV ave
14	Observe Variables	Display Variables Store Variables to VV max
15	Stop Treadmill Stop Measurement Select and Set VV opt	Calculate Decision Matrix Print Selection Report

Figure 5

Elapsed Time			O2Pulse	EQ CO2	ETCO2	Vent. Ef. Slope
Start						
1 mn	Breath1	AV mn	0	0	0	0
	Breath2		0	0	0	0
			0	0	0	0
	Breathn		0	0	0	0
3 mn	Breath1	AV ave	0	0	0	0
	Breath2		0	0	0	0
			0	0	0	0
	Breathn		0	0	0	0
5 mn	Breath1	AV max	0	0	0	0
	Breath2		0	0	0	0
			0	0	0	0
	Breathn		0	0	0	0
7 mn						
8 mn	Breath1	VV mn	0	0	0	0
	Breath2		0	0	0	0
			0	0	0	0
	Breathn		0	0	0	0
10 mn	Breath1	VV ave	0	0	0	0
	Breath2		0	0	0	0
			0	0	0	0
12 mn	Breathn	VV max	0	0	0	0
	Breath1		0	0	0	0
	Breath2		0	0	0	0
			0	0	0	0
	Breathn		0	0	0	0
15 mn						

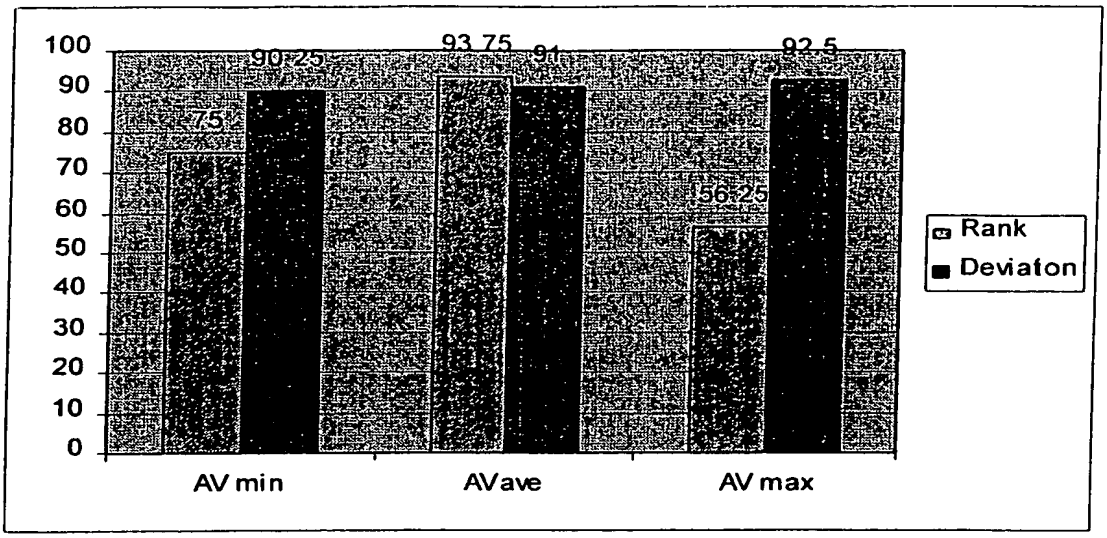
Figure 6

	EQ CO2		ETCO2		O2 Pulse		V.E. slope	
	Average Value	Deviation(%)	Average Value	Deviation(%)	Average Value	Deviation(%)	Average Value	Deviation(%)
AV mn	0	0	0	0	0	0	0	0
AV ave	0	0	0	0	0	0	0	0
AV max	0	0	0	0	0	0	0	0
VV mn	0	0	0	0	0	0	0	0
VV ave	0	0	0	0	0	0	0	0
VV max	0	0	0	0	0	0	0	0
	102	104	102	104	102	104	102	104

Figure 7

	EQCO2			ETCO2			O2Pulse			V.E Slope			Average dTdals		
	Rank	D %	S %	Rank	D %	S %	Rank	D %	S %	Rank	D %	S %	Rank	D %	S %
AVmin	75	12	5	75	14	8	100	4	6	50	9	6	75	975	62
AVave	100	0	0	100	8	0	75	12	0	100	16	0	9375	9	0
AVmax	50	4	10	50	8	16	50	7	4	75	11	2	5625	7.5	8
VVmin	0	0	0	0	0	0	0	0	0	0	0	0			
VVave	0	0	0	0	0	0	0	0	0	0	0	0			
VVmax	0	0	0	0	0	0	0	0	0	0	0	0			

Figure 8



S=6.25% **S=8.0%**

Figure 9